

**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently amended) ~~Method~~ A method for ~~arranging instituting a~~ SIM (Subscriber Identity Module) facility ~~(11.1) to~~ in digital wireless terminal equipment ~~(A, D)~~ communicating in a data communication network ~~(10)~~, wherein the ~~said~~ SIM facility ~~(11.1)~~ is associated with a processor functionality and memory devices for storing SIM data comprising application-, subscriber- and network-specific data application-, subscriber and network specific data (13.1, 13.4, 14.1, 14.4) and wherein the terminal equipment ~~(A, D)~~ is also associated with a processor functionality ~~(SJE)~~ for carrying out of dynamic applications, the method comprising: characterized in that

downloading at least a main part of the application-, subscriber- and network-specific data application-, subscriber and network specific data (13.1, 13.4, 14.1, 14.4) ~~implementing of~~ the SIM facility ~~is downloaded~~ into the terminal equipment ~~(A, D)~~ through the data communication ~~network (10)~~ network, where the application-specific data further comprises SIM logic and algorithms; and

implementing the SIM facility in the terminal equipment using the application-, subscriber- and network-specific data downloaded through the data communication network.

2. (Currently amended) ~~Method according to~~ The method of claim 1, ~~characterized in that where~~ the terminal equipment (A, D) and the data communication network (10) are equipped with a downloading application (16.1, 16.4, 15) for downloading of the said SIM data (13.1, 13.4, 14.1, 14.4).

3. (Currently amended) ~~Method according to~~ The method of claim 1, ~~characterized in that where~~ the said data communication network (10) is associated with a functionality (15) for management of the said SIM data and devices (13, 14) for storing it the SIM data.

4. (Currently amended) ~~Method according to~~ The method of claim 1 ~~characterized in that when wherein when the method is used with~~ SIMless terminal equipment, the method further comprises: (A, D) ~~connects to the data communication network (10), the following steps are carried out~~

- at the SIMless terminal equipment, connecting to the data communication network,
- forming identification information ~~is formed~~ at the SIMless terminal equipment (A, D) for downloading of the established SIM data (13.1, 13.4, 14.1, 14.4)(202),
- transmitting the identification information ~~is transmitted to the a~~ management functionality (15) ~~arranged in connection~~ associated with the data communication network (10)(203.1),

- setting up and carrying out a data transmission session ~~is set up and carried out~~ between the SIMless terminal equipment (A, D) and the management functionality (15) for downloading of the said SIM data (13.1, 13.4, 14.1, 14.4) into the SIMless terminal equipment (A, D) (205.1 ~~—205.2, 206—207~~), and
- ~~—carrying out the SIM application is carried out at the terminal equipment (A, D) (208), and~~
- freeing the user interface ~~is made free~~ at the SIMless terminal equipment (A, D) (210).

5. (Currently amended) ~~Method according to~~ The method of claim 1, ~~characterized in that~~ wherein when the SIM facility is instituted in a second piece of terminal equipment by transferring the SIM facility from a first piece of terminal equipment (A) to ~~a~~ the second piece of terminal equipment (B) the following steps are carried out

- at the first piece of terminal ~~equipment (A) equipment~~, taking possible measures ~~are taken~~ for transferring the SIM data for implementing the SIM facility (301),
- at the first piece of terminal equipment, connecting to the data communication network,
- setting up and carrying out a data transmission session ~~is set up and carried out~~ between the first piece of terminal equipment (A) and ~~the a~~

- management functionality associated with the data communication network (15) for transferring the said SIM data (13.1, 13.4, 14.1, 14.4) ~~to be in connection with~~ to the management functionality (15)(303.1, 303.2, 304.1, 304.2),
- synchronizing the SIM data arranged in connection with ~~transferred to~~ the management functionality, (15) ~~and transferred from the terminal equipment (A) is synchronized (305), and~~
  - at the second piece of terminal equipment, connecting to the data communication network, and
  - at the said second piece of terminal equipment (B) is used to connect with the data communication network (10) in order to download downloading the SIM data from the management functionality, where the SIM data concerns a SIM facility having the same identification information.

6. (Currently amended) ~~Method according to~~ The method of claim 5, ~~characterized in that~~ where identification information is also formed in order to activate the new SIM facility.

7. (Currently amended) ~~Method according to~~ The method of claim 6, ~~characterized in that~~ where equipment-specific data arranged in connection with the first piece of terminal equipment (A) is used to form the said identification information.

8. (Currently amended) ~~Method according to~~ The method of claim 4, ~~characterized in that~~ where the status of the SIM facility of the terminal equipment (A, B) is updated as one subordinated step.

9. (Currently amended) ~~Method according to~~ The method of claim 5, ~~characterized in that~~ where SIM data is destroyed at the first piece of terminal equipment (A) as one subordinated step.

10. (Currently amended) ~~Method according to~~ The method of claim 1, ~~characterized in that~~ where in the terminal equipment (A, B) further comprises a physical SIM processor card ~~is arranged, which includes~~ having a dynamic processor environment (SJE) for carrying out of downloaded applications.

11. (Currently amended) ~~Method according to~~ The method of claim 1, ~~characterized in that~~ where at least a part of the data (13.1, 14.1) to be downloaded and/or transferred is compressed.

12. (Currently amended) ~~Method according to~~ The method of claim 1, ~~characterized in that~~ where at least a part of the data (13.1, 14.1) to be downloaded and/or transferred is encrypted.

13. (Cancelled)

14. (Cancelled)

15. (Currently amended) ~~Method according to~~ The method of claim 1,  
~~characterized in that~~ wherein the downloading of SIM data (13.1, 14.1) into the terminal  
equipment (A, B) is carried out locally.

16. (Currently amended) Digital wireless terminal equipment (A, D), ~~in~~  
~~connection with which~~ comprising:

a SIM (Subscriber Identity Module) facility (11.1) ~~is arranged, which includes~~  
having a processor functionality and memory devices for storing SIM data  
comprised of application-, subscriber- and network-specific data for use in  
implementing the SIM facility; ~~application, subscriber connection and~~  
~~network specific data (13.1, 14.1, 13.4, 14.4) and wherein~~

a processor functionality (SJE) ~~is also arranged in connection with the terminal~~  
~~equipment (A, D) for carrying out of dynamic applications; and,~~  
characterized in that

a downloading application for downloading into the terminal equipment at least a  
main part of the application-, subscriber- and network-specific data  
~~application, subscriber connection and network specific data (13.1, 14.1,~~  
~~13.4, 14.4) implementing the SIM facility, where the application-specific~~  
data comprises at least SIM logic and alorithms. ~~is arranged for~~

~~downloading into the terminal equipment (A, D) through the data communications network (10)~~

17. (Currently amended) ~~Server (12)~~ A server for use in establishing  
~~arranging a~~ SIM facility ~~to~~ in digital wireless terminal equipment (A, D), wherein the  
server (12) is ~~arranged in connection with~~ connected to a data communication network  
(10) and wherein the SIM facility comprises SIM data comprising at least application-,  
subscriber- and network-specific data, ~~includes application, subscriber connection and~~  
~~network specific data (13.1, 14.1, 13.4, 14.4) characterized in that the server (12) has a~~  
comprising a management functionality (15) for management of the SIM data belonging  
to the said SIM facility and devices (13, 14) for storing the SIM data and wherein the  
management functionality (15) is associated with a routing application for downloading  
the said SIM data (13.1, 14.1, 13.4, 14.4) into the said terminal equipment (A, D) through  
the data communication network (10) and where the application-specific data further  
comprises SIM logic and algorithms.

Please add the following new claim:

18. (New) The method of claim 1, wherein the algorithms concern at least  
one of authentication and encryption.